

Column 3	Purpose	Volume	Acid
5 mL of Eichrom Tru Spec 100-200 mesh resin			
	pre-clean	5 mL	0.1M HCl - 1M HF
	pre-clean	5 mL	9M HCl
	pre-clean	5 mL	SQ water
	pre-condition	0.5 mL	9M HCl
	load sample, elute salts	1 mL	9M HCl
	elute salts	1.5 mL	9M HCl
	elute and collect HFSE and REE	1.5 mL	3M HCl
	elute and collect HFSE and REE	2 mL	0.25M HCl
	elute and collect HFSE and REE	1 mL	0.25M HCl

* *Modified from Aciego et al. 2009*